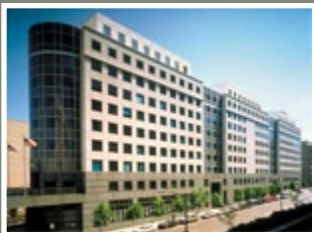


# Seminar Series



Join us the second Thursday of every month for a series of “brown bag” seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy (DOE). Each seminar is held at NREL’s Washington, D.C., office or in Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



## Web Access and Call-In Information

### Log-In Info

URL for log-in:

<https://www.mymeetings.com/nc/join/>

Conference Number: SA306396

(no passcode is needed)

You also can join the event directly at

<http://www.mymeetings.com/nc/join.php?i=SA306396>

### Call-In Info

To call in: 1-877-989-1543

Passcode: 8864359



# The Conundrum of Biofuels, Food Security, and Climate in a Globalizing Economy

*A seminar presented by DOE/EERE’s Office of Planning, Budget, and Analysis and NREL’s Strategic Energy Analysis Center*

**Robert Harriss, President and CEO**  
**Houston Advanced Research Center (HARC)**

**Thursday, March 12, 2009**

**10 – 11 a.m. (Golden, Colo.)**

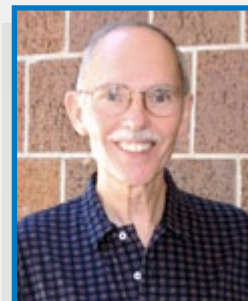
**Noon – 1 p.m. (Washington, D.C.)**

(The seminar is also offered via conference call or Internet conferencing.

See the log-in and call-in information below. **An RSVP is required to ensure that we have enough phone lines and/or seats. The presenter will be in Golden, Colorado)**

There is reason to expect an increasing frequency of crises emerging from the connections between an increasing demand for energy and food in the coming era of climate change and continued globalization of the world economy. The rapid urbanization of humanity, increases in wealth, and demand for mobility and rich diets have created a complex global architecture of demand and supply systems that are difficult to fully understand. Simultaneously, the global climate system has entered a nonstationary condition created partly by environmental changes from growing demands for food and fuel. Earth-system feedbacks resulting from this conundrum create some problems that can’t be solved – but they can be tamed. This presentation will discuss insights from assessment strategies for the governance of complex bio-economic systems along with a HARC case study on increased use of “agrofuels” for biodiesel production in South Asia.

**Robert Harriss** is president and chief executive officer (CEO) of the Houston Advanced Research Center in Texas, where his primary professional interests are in sustainability science, engineering, and policy. He’s also adjunct professor, Department of Marine Sciences, at Texas A&M University at Galveston; and senior fellow in the Institute for Science and Technology Policy at the Bush School of Government and Public Service at Texas A&M University. He was formerly a senior scientist at the National Center for Atmospheric Research (NCAR) in Colorado, and has been on the faculties at Florida State University, University of New Hampshire, and Texas A&M University. Harriss received his bachelor’s degree in geology from Florida State University and a Ph.D. in geochemistry from Rice University.



**Robert Harriss**

## Golden, Colo., information

**1617 Cole Blvd., Golden, Colorado**  
**Building 3, Conference Room 170.**

**Please contact Kalia Kehoe at**  
**[kalia\\_kehoe@nrel.gov](mailto:kalia_kehoe@nrel.gov) or 303-384-7439**

## Washington, D.C., information

**901 D Street SW (adjacent to the Forrestal Building)**  
**or 370 L’Enfant Promenade. Ninth Floor.**

**Please contact Wanda Addison, of**  
**Midwest Research Institute (MRI), at**  
**[wanda\\_addison@nrel.gov](mailto:wanda_addison@nrel.gov) or 202-488-2202**

**For more information on NREL analysis, please visit**  
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